Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 24 Mar 2024 until 23:59 on Monday 25 Mar 2024

Forecast Issued on Sunday 24 Mar 2024 at 03:09

Confidence: High at first, becoming moderate due to uncertainty in exact track of fronts.

Headline for Sunday 24 Mar 2024: Dry and sunny but very windy at first.

Mountain weather hazards on Sunday 24 Mar 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny intervals	Sunny intervals	Clear night
Precipitation probability					
<05%	<05%	<05%	10%	20%	<05%

Forecast for Sunday 24 Mar 2024

Weather: Dry with prolonged clear or sunny spells throughout the majority of the day. Some patchy cloud at times later in the afternoon but this above summits. Winds very strong at first but easing into the afternoon.

Chance of cloud-free hill tops above 800m: 90%

Low cloud and visibility: Very good visibility for much of the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Ground Conditions Supplement
Date: Saturday 23 March Location: Catstyecam summit at 23:56 Temperature: minus 1.2 C Maximum wind speed

Forecast for Sunday 24 Mar 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	40/47 NW	27/33 NW	20/26 NW	13/18 NW	7/10 W	6/8 S	13/16 SE
600	31/41 NW	21/28 NW	18/24 NW	13/18 NW	10/13 W	7/9 S	12/16 SE
300	11/32 NW	10/26 NW	10/22 NW	8/16 NW	4/9 W	3/6 S	4/12 SE
Valley	12/32 NW	13/28 NW	9/19 NW	7/14 NW	6/10 W	2/5 S	3/11 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-11	-1/-9	1/-5	2/-3	1/-2	1/-2	-1/-6
600	1/-7	1/-5	4/-1	5/1	3/-0	2/-0	1/-4
300	3/-1	5/1	7/4	8/6	5/4	3/2	2/1
Valley	5/2	7/3	9/7	10/8	8/6	5/4	5/3
Freezing Level*	700m	700m	700m	800m	800m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Feeling very cold at first, particularly at height, with strong winds but improving through the day.

Forecast for Monday 25 Mar 2024
Weather: Dry with some clear spells through the overnight period. Turning cloudier by morning with outbreaks of mainly light rain at times during the day. Still some prolonged bright spells with hazy sunshine.

Maximum wind: Light winds at first, becoming southeasterly 15-20 mph, gusting 25 mph at times.

Chance of cloud-free hill tops above 800m: 80%

Low cloud and visibility: Cloud mainly above summits, perhaps few 500-700m at times. Visibility mainly good, slight reductions in rainfall.

Temperature: **Valleys:** Plus 3 rising to plus 8 Celsius
At 800m: Zero rising to plus 3 Celsius
Freezing level: 800-1000m

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52.6mph Wind chill: minus 12.7 C Average wind speed: 39.7mph
Full report: A cold and windy day with gales over high ground and light snow showers often falling as graupel (soft hail) through the morning. This new snow started to fall late in the day yesterday, and overnight and is largely cosmetic, although some drifting has occurred around north and east-facing corrie rims. The wind chill (feels-like) temperature today was around -12ºC and anyone who stood still, even for short periods would get cold very quickly. The higher tops are likely to be around freezing point again tomorrow and any further precipitation could fall as snow. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass and headtorch are all essential.
Issued at: 03:09 on Sun 24 Mar 2024

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